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recursive iir system

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The gamma-filter-a new class of adaptive IIR filters with restricted feedback - ► [tug.nl](#) [PDF]
JC Principe, B de Vries, PG de Oliveira - Signal Processing, IEEE Transactions on [see also Acoustics, ..., 1993 - [ieeexplore.ieee.org](#)

... concern- ing the gamma filter performance in a system identifica- tion ... $n = \infty$ 1, the gamma filter transfer function is of IIR type due to the recursion in (6 ...
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Analysis/synthesis techniques for subband image coding

MJT Smith, SL Eddins - Acoustics, Speech, and Signal Processing [see also IEEE ..., 1990 - [ieeexplore.ieee.org](#)
... the theory, design, and implementation of both recursive and nonrecursive ... methods are generalized to include IIR filtering ... ION I Image Size I System Type Qhlf ...

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Blind system identification and channel equalization of IIR systems without statistical information - ► [newcastle.edu.au](#) [PDF]

E Bai, M Fu - Signal Processing, IEEE Transactions on [see also Acoustics, ..., 1999 - [ieeexplore.ieee.org](#)
... so that many standard recursive algorithms can be readily applied. It is also shown in the paper that under a generic condition, any finite-order IIR system is ...

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Active sound attenuation system with on-line adaptive feedback cancellation

LJ Eriksson - US Patent 4,577,677, 1987 - [freepatentsonline.com](#)
... The present invention involves providing an IIR recursive filter model to adaptively model acoustic system 4 and feedback path 20. ...

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Efficient sampling rate alteration using recursive (IIR) digital filters

R Ansari, B Liu - Acoustics, Speech, and Signal Processing [see also IEEE ..., 1983 - [ieeexplore.ieee.org](#)
... The use of recursive filters with approximately linear ... Section V, the proposed IIR scheme also appears ... of Scientific Research, Air Force Systems Command, USAF ...

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A new class of two-channel biorthogonal filter banks and wavelet bases

SM Phoon, CW Kim, PP Vaidyanathan, R Ansari - Signal Processing, IEEE Transactions on [see also Acoustics, ..., 1995 - [ieeexplore.ieee.org](#)

... given. The authors apply the technique on a 1-D two- channel orthogonal IIR system to achieve a 2-D IIR filter bank. The resulting ...

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Fast recursive filtering with multiple slow processing elements

HH Lu, E Lee, D Messerschmitt - Circuits and Systems, IEEE Transactions on, 1985 - [ieeexplore.ieee.org](#)
... the poles of the block-state system approach the ... only equation (2.11), which is not recursive, is relevant ... FIR filter that approximates the desired IIR response ...

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[CITATION] Breaking the recursive bottleneck

D Messerschmitt - Performance Limits in Communication Theory and Practice, 1988 - Kluwer Academic Pub
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High-speed recursive digital filter realization

HH Loomis, B Sinha - Circuits, Systems, and Signal Processing, 1984 - Springer

Page 1. CIRCUITS SYSTEMS SIGNAL PROCESS Vol. 3, NO. 3, 1984 HIGH-SPEED RECURSIVE ...

Application to recursive (IIR) filters has not previously been shown. ...

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Direct RF sampling mixer with recursive filtering in charge domain

K Muhammad, RB Staszewski, WAT Center, TI Inc, TX ... - Circuits and Systems, 2004. ISCAS'04. Proceedings of the ..., 2004 - [ieeexplore.ieee.org](#)

... In the system at sampling time j , where $i = N \cdot j$, (as stated earlier, i is the RF cycle index) could be described as a single-pole recursive IIR equation: $s \dots$

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Key authors: M.Smith - J.Shynek - S.Phoong - R.Ansari - A.Belouchrani

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